



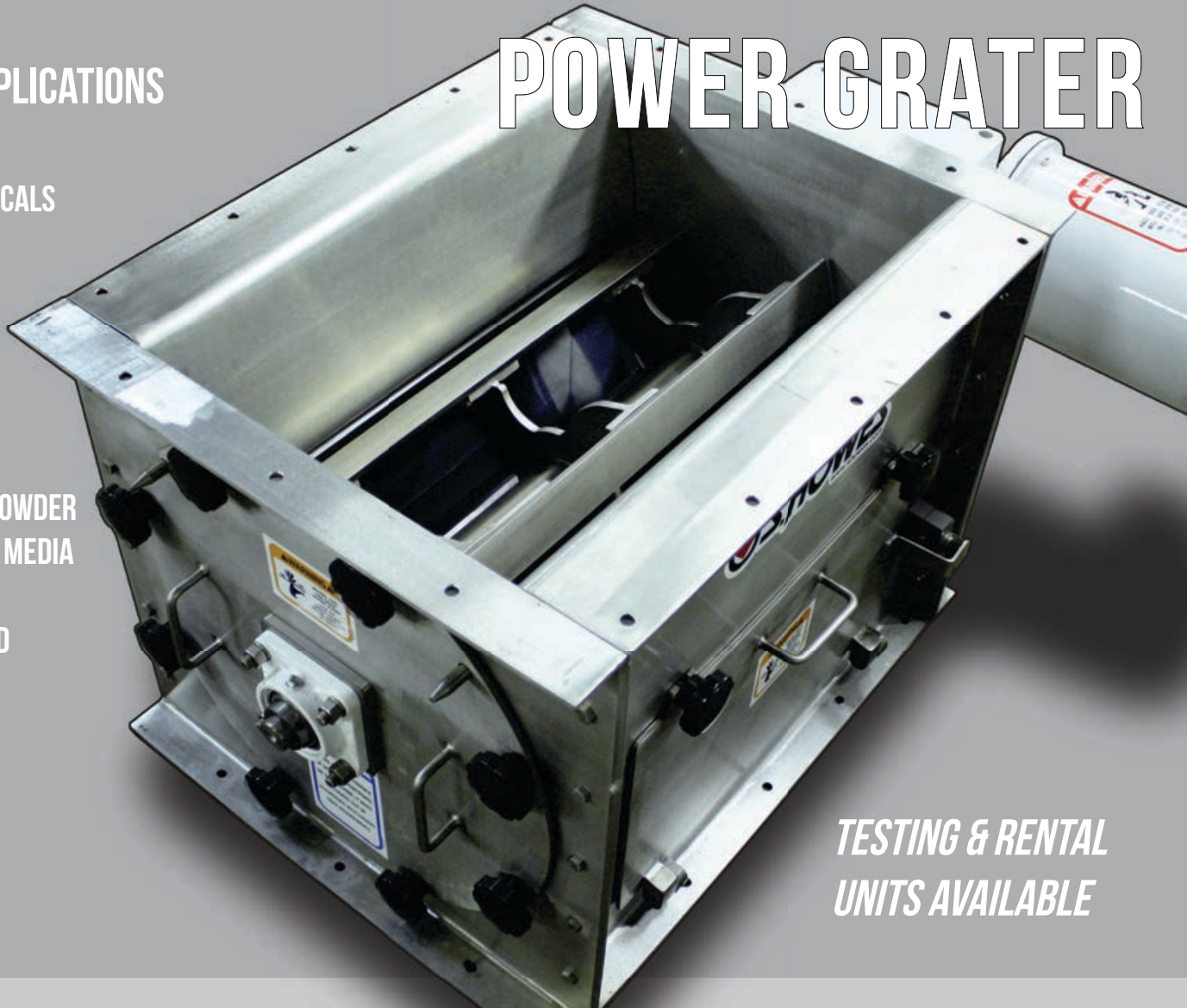
# S. HOWES

SINCE 1856

## SAMPLE APPLICATIONS

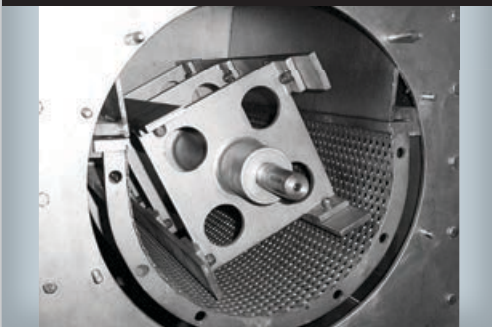
- FILTER CAKE
- NUTRACEUTICALS
- SALT
- CHEMICALS
- CEREAL
- CHOCOLATE
- PLASTICS
- RESIN
- TUNGSTEN POWDER
- BEAD BLAST MEDIA
- PEAT SOIL
- ANIMAL FEED
- PEANUTS
- CHEESE
- DOUGH

# POWER GRATER

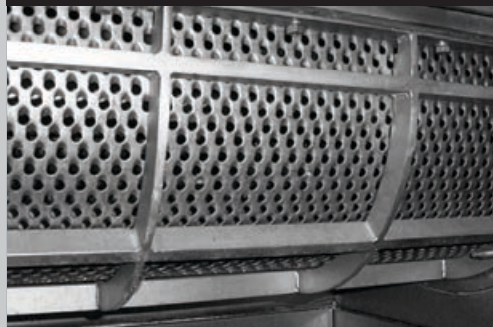


*TESTING & RENTAL  
UNITS AVAILABLE*

## ROTATING PADDLES



## APERTURE SCREEN CAGE



## CUSTOMIZABLE

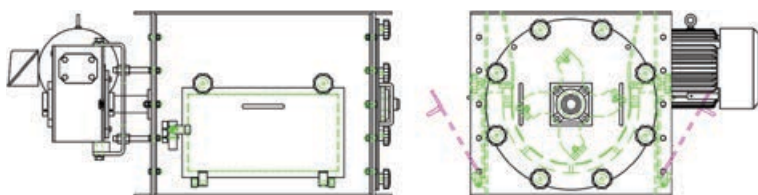
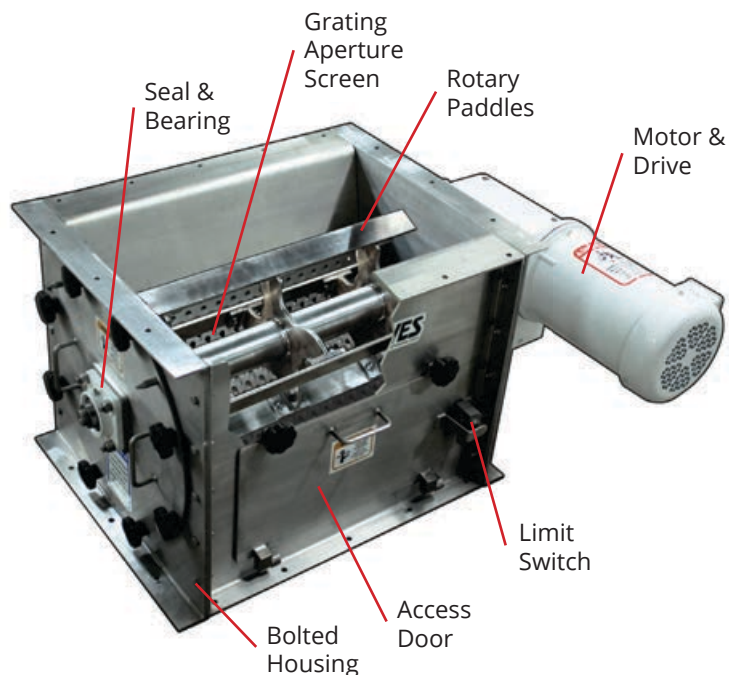


ISO 9001:2015



CARRIER  
PROCESS  
EQUIPMENT  
GROUP, INC.

## LAYOUT



## DESCRIPTION

The Power Grater consists of a dust tight housing that contains a paddle assembly and an aperture screen. The screen features holes edged by raised cutting edges that grate or shred the product as it is pushed over the screen. The paddles rotate, and the product is rubbed against the grater screen for clean, efficient reduction.

## DETAILS AND OPTIONS

- Stainless steel, carbon steel, or other alloys available for construction
- Low maintenance & power requirements
- Low paddle rotation speed means less fines (Approx. 88 RPM for single speed models)
- Multiple uses include: delumping, particle sizing, crushing, shredding & de-agglomeration
- Heavy duty rugged construction, few moving parts, and dependable, long-life components provide extremely low maintenance and high reliability.
- The screen cage is totally removable with minimal tools for fast screen change and cleaning. Hinged doors allow access to the rotor assembly and interior casing areas.
- Units can be outfitted with single or variable speed drives. TEFC, explosion proof or hostile environment motors are also available.
- Screen sizes are dependent on customer requirements – call to schedule a product test in our fully equipped test lab.
- S. Howes engineering staff will custom design any special stands, transition pieces, etc. to meet your specific needs.

## SPECIFICATIONS\*

MODEL	CAPACITY (lb per hr)*	SCREEN AREA (ft <sup>2</sup> )	HP	INLET OPENING	DISCHARGE OPENING	WEIGHT (lb)
PG-14	4,000	2	3	14 x 16	14 x 20	550
PG-20	6,000	3	3 - 5	20 x 16	20 x 20	675
PG-26	8,000	4	5 - 10	26 x 16	26 x 20	800

\* Capacities are based on an average of common products. Actual capacities vary widely because they are dependent on the characteristics of the product. All Dimensions are inches.

